	Туре	L #	Hits	Search Text
1	BRS	L66	436	"yeast two-hybrid"
2	BRS	L71	11230 47	sensitivity or detection
3	BRS	L76	21260 8	GRE or ERE or UAS
4	BRS	L86	0	76 same 81
5	BFS	L91	3	66 same 76
6	BFS	L96	1733	"two hybrid" or "two-hybrid"
7	BRS	L101	16	96 same 76
8	BRS	L106	1113	"inducible expression"
9	BRS	L111		106 same 96
10	BRS	L116	5	ERE with hybrid
11	BRS	L121	9	GRE with hybrid
12	BRS	L126	570	activat\$ same 96
13	BRS	L127	3	(estradiol or dexamethasone) same 126
14	BRS	L132	2	126 same 106
15	BRS	L137	16	"activatable promoter"
16	BRS	L142	0	137 and 96
17	BRS	L81	26	66 same 71 ·

(9.50, 755)

59/650,735

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 19:06:04 ON 21 JUN 2001

- L15 16551 TWO-HYBRID OR TWO HYBRID
- L16 58 ERE (S) HYBRID
- L17 49 GRE (S) HYBRID
- L18 26 L15 (S) L16
- L19 3 L15 (S) L17
- L20 11 DUP REM L18 L19 (18 DUPLICATES REMOVED)
- L21 274 SENSITIVITY (S) L15
- L22 8 HYBRID CONCENTRATION
- L23 254 HYBRID EXPRESSION
- L24 24 L23 (S) L15
- L25 8 DUP REM L22 (0 DUPLICATES REMOVED)
- L26 14 DUP REM L24 (10 DUPLICATES REMOVED)
- L27 0 ERE UAS
- L28 1500 ESTROGEN RESPONSIVE ELEMENT
- L29 1032 UPSTREAM ACTIVATING SEQUENCE
- L30 0 L28 (N) L29
- L31 1 L28 (S) L29
- L32 0 L28 (N) DNA BINDING DOMAIN
- L33 0 L28 (N) BAIT
- L34 85 L28 (S) "DNA BINDING DOMAIN"
- L35 0 L28 (N) GAL4
- L36 1 L34 (S) CHIMERIC
- L37 1970 GLUCOCORTICOID RESPONSE ELEMENT
- L38 6 L37 (S) "ACTIVATION DOMAIN"
- L39 0 L38 AND L34
- L40 2 DUP REM L38 (4 DUPLICATES REMOVED)
- L41 2968 DETECTION LEVEL
- L42 0 L41 (P) L15
- L43 108 DUP REM L21 (166 DUPLICATES REMOVED)
- L44 5 ESTROGEN (S) L43
- L45 29761 "EXPRESSION LEVEL"
- L46 92 L45 (P) L15
- L47 69 L45 (S) L15
- L48 25 DUP REM L47 (44 DUPLICATES REMOVED)
- L49 9724 INDUCIBLE EXPRESSION OR INDUCIBLE PROMOTER
- L50 35 L15 (P) L49

Loeb, Bronwen

To:

STIC-ILL

Subject:

ILL order 09/680,738

Bronwen Loeb, PhD AU 1636 703-605-1197 CM1 11A-09 Mailbox 11E-12

Appln 09/680,738

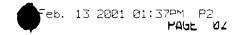
Hays et al (2000) BIOTECHNIQUES, (2000 Aug) 29 (2) 288-90, 292, 294

Natesan et al (1999) PROC NATL ACAD SCI USA (1999 Nov 23) 96 (24) 13898-13903.

Hubsman et al (2001) NUCLEIC ACIDS RESEARCH, (2001 Feb 15) 29 (4) E18.

Medina et al (2000) NUCLEIC ACIDS RESEARCH, (2000 Jun 15) 28 (12) E61.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic	ant: Edwards et al.) Atty. Dkt. No.: HYB775-00/00381A
Serial)	No.: 09/680,738	3
Filed:	October 6, 2000	
For:	ADJUSTABLE SENSITIVITY, GENETIC MOLECULAR INTERACTION SYSTEMS, INCLUDING PROTEIN-PROTEIN INTERACTION	FEB 7 0 2001 = 1

Assistant Commissioner for Patents Washington, D. C. 20231

SYSTEMS FOR DETECTION AND ANALYSIS

POWER OF ATTORNEY

)

Hybrigen, Inc., owner by assignment of the above-identified patent application, hereby appoints the following attorney(s) and/or agents(s) presently listed under Customer Nos. 24,118 (Tulsa), 24,951 (Arkansas) and 24,950 (Oklahoma City) all of the firm Head, Johnson & Kachigian and all members duly authorized to practice law. Further, all foregoing attorney(s)/agent(s) are authorized to prosecute this application to register, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent Document, if issued.

SEND CORRESPONDENCE AND TELEPHONE CALLS TO:

Daniel S. Hodgins, Reg. No. 31,026 HEAD, JOHNSON & KACHIGIAN 204 N. Robinson, Ste. 3030 Oklahoma City, OK 73102 (405)236-4000 (405)236-4010 fax

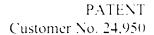
 $\frac{2}{\sqrt{3}} \frac{1}{\sqrt{9}}$ Date

David N. Edwards, President & CEO

PAGE 03

CERTIFICATE UNDER 37 CFR 3.73(b)

Applica	nt:	Edwards et al.		_Application No.:	09/680,738	Piled: _	10/06/00
Por:	Н	ybrigen, Inc.		, a	Corporation		
	(Name of Assignee)			(Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)			
certifies	that it	is the Assignee of the en	tire right, title and inte	rest in the patent ap	plication identified abo	eve by virtue of	enther:
A. [X]	An as	ssignment from the inver	ntor(s) of the patent app	plication identified	above for which a copy	thereof (s atta	ched.
OR							
B.[]	A cha	uln of title from the inver	ntor(s) of the patent app	olication identified	above, to the current as:	signee as show	n below:
	1.	From:	To: To:	nd Trademark Offic	ce at Reel, Frame	or fo	r which a copy thereof
	2.	From:	To: ecorded in the Patent at	nd Trademark Office	ce at Reel, Frame _	or fo	r which a copy thereof
	3.	From: The document was reastached.	To:	nd Trademark Offic	ze at Reel, Frame	, or fo	r which a copy thereof
	[]	Additional documents in the chain of title are listed on a supplemental sheet.					
[]	Copie	es of assignments or other	r documents in the cha	in of title are attach	æd.		
The und	ersigne ige and	ed has reviewed all the do I belief, title is in the assi	ocuments in the chain o	f title of the patent	application identified al	bove and, to the	best of undersigned's
The und	ersigne	ed (whose title is supplied	d below) is empowered	to sign this certific	cate on behalf of the ass	rignee.	
fine or it	ripriso	e that all statements made further, that these statem nment, or both, under Sec application or any patent	ents are made with the lettion 1001. Title 18 of t	concelled on that will	fil faire cistemente an	d the like to m	de era munichable by
Name: _	Day	rid N. Edwards					
Title:	Pre	sident & CEO					
Signatur	<u></u>	Vily (4		-		
Date: _	/2	13/01					



Applicant(s) or Patentee(s): Edwards et al

Atty. Dkt. No: HYB775-00 00381A

Serial or Patent No:

09 680,738

Filed or Issued:

October 6, 2000

For:

ADJUSTABLE SENSITIVTY, GENETIC MOLECULAR INTERACTION SYSTEMS INCLUDING PROTEIN-PROTEIN INTERACTION

SYSTEMS FOR DETECTION AND ANALYSIS

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS [37 CFR SECTION 1.9 (f) and SECTION 1.27 (b)] SMALL BUSINESS CONCERN

I hereby declare that I am

 \overline{X}

the owner of the small business concern identified below:

an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN
ADDRESS OF CONCERN
2723 Irving Blvd.
Dallas, TX 75207-2037

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9 (d) for purposes of paying reduced fees under Section 41 (a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract of law have been conveyed, to and remain with the small business concern identified above with regard to the invention, entitled

ADJUSTABLE SENSITIVTY, GENETIC MOLECULAR INTERACTION SYSTEMS INCLUDING PROTEIN-PROTEIN INTERACTION SYSTEMS FOR DETECTION AND ANALYSIS

described in:

 [] the specification filed herewith. [X] Application Serial No. <u>09 680,738</u> filed <u>October 6, 2000</u>. [] Patent No issued
If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).
* Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).
NAME OF CONCERN ADDRESS OF CONCERN
[] INDIVIDUAL [] SMALL BUSINESS CONCERN [] NON PROFIT ORGANIZATION
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement of small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.
NAME OF PERSON SIGNING TITLE OF PERSON OTHER THAN OWNER President & CEO
DATE 2-7-2001 SIGNATURE interpretation



Attorney Docket No. HYB⁷⁷5-00 00381A Customer No. 24,950

: :

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor(s), I(We) hereby declare that:				
This d	eclaration is of the following type:			
[X] []	original design supplemental			
NOTE:	If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do <u>not</u> check next item, check appropriate one of last three items.			
[]	national stage of PCT			
NOTE:	If one of the following three items applies, then check and also complete section entitled "CLAIM FOR BENEFIT UNDER 35 U.S.C. § 120."			
[] []	divisional continuation continuation-in-part (CIP)			
My res	My residence, post office address and citizenship are as stated below next to my name.			
joint ir	we I am the original, first and sole inventor (if only one name is listed below) or an original, first and eventor (if plural names are listed below) of the subject matter which is claimed and for which a patent that on the invention entitled:			
ADJUSTABLE SENSITIVITY, GENETIC MOLECULAR INTERACTION SYSTEMS, INCLUDING PROTEIN-PROTEIN INTERACTION SYSTEMS FOR DETECTION AND ANALYSIS				
the spe	ecification of which (check one)			
[] is at	ttached hereto.			
[X] w	[X] was filed on October 6, 2000, as Application Serial No. 09-680,738.			
	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.			
	I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a).			



I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application to which priority is claimed:

PRIOR FOREIGN APPLICATION(S)	
	Priority Claimed
(Number) (Country) (Day month year filed)	[] [] Yes No
(Number) (Country) (Day month year filed)	[] [] Yes No
(Number) (Country) (Day month year filed)	[] [] Yes No
CLAIM FOR BENEFIT UN I hereby claim the benefit under Title 35, United St.	
provisional application(s) listed below:	
PRIOR PROVISIONAL APPLICATIONS	Filing Date
60/158,079 (Number)	October 7, 1999
(Number)	
(Number)	



I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability, as defined in Title 37, Code of Federal Regulations, Section 1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

USSN	Filing Date	Status
USSN	Filing Date	Status
USSN	Filing Date	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As named inventor, or named inventors, I (We) hereby appoint the attorney(s) and/or agent(s) presently listed in our Customer Nos. 24,118 (Tulsa), 24,951 (Arkansas) and 24,950 (Oklahoma City) all members duly authorized to practice law. Further, all foregoing attorneys are authorized to prosecute this application to register, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent Document, if issued.

SEND CORRESPONDENCE AND TELEPHONE CALLS TO:

PRIOR US PATENT APPLICATIONS

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Customer No. 24,950

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Inventor's signature:	inter an	2-7-2001
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Citizenship:	UNITED STATES OF AMERICA	
Full name of second inventor	r: Arlene Leon	
Inventors signature:	Eleve Jeon	2-7-2001
Residence and Post Office Address:	2922 Periwinkle Court Garland, TX 75204	DATE
Citizenship:	UNITED STATES OF AMERICA	
Full name of third inventor:		7.5 7501
Inventors signature:	10 (3) m 2 2 1	DATE
Residence and Post Office Address:	3539 Courtdale Dr. Dallas, TX 75234	DATE
Citizenship:	UNITED STATES OF AMERICA	